

Project Title	Funding	Strategic Plan Objective	Institution
Using zebrafish and chemical screening to define function of autism genes	\$390,993	Q4.5	Whitehead Institute for Biomedical Research
Behavioral and sensory evaluation of auditory discrimination in autism	\$147,275	Q1.Other	University of Massachusetts Medical School
Multimodal analyses of face processing in autism & Down syndrome	\$152,927	Q1.Other	University of Massachusetts Medical School
Chromatin alterations in Rett syndrome	\$271,798	Q2.Other	University of Massachusetts Medical School
Simons Simplex Collection Site - 14	\$84,827	Q3.8	University of Massachusetts Medical School
Guiding visual attention to enhance discrimination learning	\$142,587	Q4.Other	University of Massachusetts Medical School
Optimizing discrete-trial procedures for ASD children	\$177,625	Q4.Other	University of Massachusetts Medical School
Stimulus structure enhancement of visual symbol detection in AAC	\$147,762	Q4.Other	University of Massachusetts Medical School
Using CBPR to design & pilot a physical activity program for youth with ASD	\$192,386	Q4.Other	University of Massachusetts Medical School
A multi-site clinical randomized trial of the Hanen More Than Words intervention	\$400,000	Q4.4	University of Massachusetts Boston
Family recruitment network - 2	\$90,110	Q3.2	Tufts Medical Center
Family support network - 3	\$46,874	Q5.1	Tufts Medical Center
Portable guidance in autism spectrum disorder	\$503,554	Q4.Other	Symtrend, Inc.
Development of MGLUR5 antagonists to treat fragile X syndrome and autism	\$1,068,100	Q4.Other	Seaside Therapeutics, LLC
Educating parents: Behavioral intervention in autism	\$490,843	Q4.Other	Praxis, Inc.
Functional money skills readiness training: Teaching relative values	\$150,052	Q6.Other	Praxis, Inc.
Influence of oxidative stress on transcription and alternative splicing of methionine synthase in autism	\$28,000	Q2.2	Northeastern University
Examination of prerequisite skills for learning using video modeling	\$30,000	Q4.4	New England Center for Children
Imaging synaptic neurexin-neuroligin complexes by proximity biotinylation: Applications to the molecular pathogenesis of autism	\$47,500	Q2.Other	Massachusetts Institute of Technology
Meg investigation of the neural substrates underlying visual perception in autism	\$130,000	Q2.5	Massachusetts General Hospital
Neural mechanisms for social cognition in ASD	\$238,040	Q2.5	Massachusetts Institute of Technology
Neural substrate of language and social cognition: Autism and typical development	\$44,846	Q2.5	Massachusetts Institute of Technology
Cognitive neuroscience - 1	\$142,158	Q2.Other	Massachusetts Institute of Technology
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$250,806	Q4.5	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	\$1,500,000	Q4.5	Massachusetts Institute of Technology
Models and mechanisms - 1	\$127,050	Q4.5	Massachusetts Institute of Technology

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Regulation of synaptogenesis by cyclin dependent kinase 5	\$327,398	Q4.5	Massachusetts Institute of Technology
Infrastructure support for autism research at MIT	\$750,000	Other	Massachusetts Institute of Technology
The role of the neurexin 1 gene in susceptibility to autism	\$150,000	Q3.Other	Massachusetts General Hospital/Harvard Medical School
Quality of life for children with autism spectrum disorders and their parents	\$150,000	Q1.Other	Massachusetts General Hospital
Family characterization network - 1	\$463,694	Q2.5	Massachusetts General Hospital
The mirror neuron system in the monkey and its role in action understanding	\$222,870	Q2.Other	Massachusetts General Hospital
Multimodal neuroimaging of white matter in autism	\$698,987	Q2.Other	Massachusetts General Hospital
An adult brain-specific mouse model of neuronal TSC inactivation	\$60,000	Q2.Other	Massachusetts General Hospital
Coherence and temporal dynamics in auditory cortex of children with autism	\$87,875	Q2.Other	Massachusetts General Hospital
Cognitive neuroscience - 4	\$80,571	Q2.Other	Massachusetts General Hospital
Role of Pam in synaptic morphology and function	\$150,000	Q2.Other	Massachusetts General Hospital
Family recruitment network - 5	\$17,236	Q3.2	Massachusetts General Hospital
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	\$178,843	Q3.2	Massachusetts General Hospital
Family recruitment network - 3	\$36,965	Q3.2	Massachusetts General Hospital
Comprehensive follow-up of novel autism genetic discoveries	\$289,026	Q3.8	Massachusetts General Hospital
A recurrent genetic cause of autism	\$400,000	Q3.8	Massachusetts General Hospital
Gene finding - 1	\$85,275	Q3.8	Massachusetts General Hospital
Translational genetic studies in familial ASDs	\$100,000	Q3.8	Massachusetts General Hospital
Genes that deregulate mTOR signaling as candidates for autism spectrum disorders	\$196,875	Q3.8	Massachusetts General Hospital
Investigation of genes involved in synaptic plasticity in Iranian families with ASD	\$60,000	Q3.9	Massachusetts General Hospital
Genome-wide analyses of DNA methylation in autism	\$400,000	Q3.Other	Massachusetts General Hospital
Genetic investigation of cognitive development in autistic spectrum disorders	\$184,045	Q3.Other	Massachusetts General Hospital
Autism Intervention Research network on Physical health (AIR-P network)	\$3,999,342	Q4.2	Massachusetts General Hospital
Family support network - 4	\$73,289	Q5.1	Massachusetts General Hospital
Informatics - 2	\$411,912	Q6.1	Massachusetts General Hospital
Exploring the role of CC2D1A in neuronal development and synaptic function	\$49,000	Q3.8	Harvard University

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Connectopath analysis of autism	\$234,451	Q4.5	Harvard University
Maternal risk factors for autism in the Nurses Health Study II – pilot study	\$60,000	Q3.6	Harvard School of Public Health
Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	\$150,000	Q1.3	Harvard Medical School
Cortical mechanisms underlying visual motion processing impairments in autism	\$60,000	Q2.5	Harvard Medical School
Maternal dietary factors and risk of ASDs	\$32,000	Q3.6	Harvard Medical School
Perturbed activity dependent plasticity mechanisms in autism	\$296,372	Q4.5	Harvard Medical School
Informatics - 1	\$10,408	Q6.1	Harvard Medical School
BDNF secretion and neural precursor migration	\$47,500	Q2.Other	Dana-Farber Cancer Institute
Funding for SBIR phase I -topic 60 - evidence based practice in community-based	\$249,937	Q5.Other	Center for Social Innovation, LLC
Brain region specific oxidative stress	\$25,575	Q2.2	Brigham and Women's Hospital
Oxidative stress: Rat study	\$40,000	Q4.5	Brigham and Women's Hospital
Genetic analyses of ARX homeobox gene function in neurodevelopmental disorders	\$211,950	Q4.5	Brandeis University
Family characterization network - 2	\$5,353	Q2.5	Boston University School of Medicine
Cognitive neuroscience - 2	\$111,690	Q2.Other	Boston University School of Medicine
The neural substrates of repetitive behaviors in autism	\$52,799	Q2.Other	Boston University Medical Campus
Autism: The neural substrates of language in siblings	\$33,151	Q2.Other	Boston University Medical Campus
Neural substrates of gaze and face processing in autism	\$152,671	Q2.Other	Boston University Medical Campus
Novel methods for testing language comprehension in children with ASD	\$150,000	Q1.2	Boston University
Architecture of myelinated axons linking frontal cortical areas	\$54,000	Q2.Other	Boston University
Family recruitment network - 1	\$84,587	Q3.2	Boston Medical Center
Family support network - 1	\$83,219	Q5.1	Boston Medical Center
Family support network - 6	\$44,411	Q5.1	Boston Medical Center
Signatures of gene expression in ASD	\$150,000	Q1.3	Boston Children's Hospital
Understanding the cognitive impact of early life epilepsy	\$845,000	Q1.4	Boston Children's Hospital
Visual system connectivity in a high-risk model of autism	\$41,000	Q2.Other	Boston Children's Hospital
The effects of Npas4 and Sema4d on inhibitory synapse formation	\$150,000	Q2.Other	Boston Children's Hospital
The development of face processing	\$516,410	Q2.Other	Boston Children's Hospital
Cognitive neuroscience -3	\$70,933	Q2.Other	Boston Children's Hospital

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RNA expression patterns in autism	\$734,842	Q3.2	Boston Children's Hospital
Family recruitment network - 4	\$76,992	Q3.2	Boston Children's Hospital
Finding autism genes by genomic copy number analysis	\$557,773	Q3.4	Boston Children's Hospital
Gene expression profiling of autism spectrum disorders	\$51,000	Q3.8	Boston Children's Hospital
Simons Simplex Collection Site - 13	\$562,415	Q3.8	Boston Children's Hospital
Gene finding - 2	\$23,055	Q3.8	Boston Children's Hospital
Uncovering genetic mechanisms of ASD	\$150,000	Q3.8	Boston Children's Hospital
Models and mechanisms - 2	\$90,000	Q4.5	Boston Children's Hospital
Family support network - 5	\$39,234	Q5.1	Boston Children's Hospital
International mental health/developmental disabilities research training program	\$188,000	Other	Boston Children's Hospital
Plasticity in autism spectrum disorders: Magnetic stimulation studies	\$46,826	Q2.Other	Beth Israel Deaconess Medical Center
Recessive genes for autism and mental retardation	\$289,040	Q3.8	Beth Israel Deaconess Medical Center
Clinical trial: Modulation of prefrontal activity to improve language skills in autism spectrum disorder	\$1,688	Q4.2	Beth Israel Deaconess Medical Center

